Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	758402	(catalyst same "pgm-free") or (catalyst not (platinum or pt))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 09:00
S2	85989	S1 and ((support or carrier or substrate) same (silic\$2 or zirconi\$2 or alumin\$2 or titani\$2 or indium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:01
<b>S3</b>	4	S2 and (pgm\$1free or "platinum group metal free")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 10:31
S4	25	(pgm\$1free or "platinum group metal free") same catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:01
S5	758393	catalyst not (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:01
S6	85985	S5 and ((support or carrier or substrate) same (silic\$2 or zirconi\$2 or alumin\$2 or titani\$2 or indium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:03
S7	.120	S6 and ("sox trap" or dpf or "diesel particulate filter")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ΘR	ON	2006/06/13 11:05
S8	6	S7 and (catalyst same (copper or cu))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:05
S9.	4.45	(("0815925") or ("0888816") or ("9828062")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/13 13:20
S10	1	(("0815925") or ("0888816") or ("9828062")).PN.	EPO; DERWENT	OR	OFF	2006/06/13 13:21

S11	2	(("0815925") or ("0888816") or ("9828063")).PN.	EPO; DERWENT	OR	OFF	2006/06/13 13:21
S12	4	(("0815925") or ("0888816") or ("9828063")) PN	USPAT; EPO; DERWENT	OR	OFF	2006/06/13 13:21
S13	2	("6355220").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/15 09:00
S14	101	(("6105365") or ("6165932") or ("6753294") or ("6775973") or ("677370") or ("6923945") or ("6962045") or ("7055311") or ("4875335") or ("6233923") or ("6327848") or ("6419890") or ("6576587") or ("6576587") or ("6576336") or ("6699448") or ("6716336") or ("66327847") or ("6327847") or ("6327842") or ("6327848") or ("6327842") or ("6327848") or ("6397582") or ("66272848") or ("6397582") or ("6021638") or ("5397582") or ("6021638") or ("5762659") or ("5968870") or ("6123910") or ("634169") or ("4311103") or ("4892718") or ("5792326") or ("5931387") or ("5792326") or ("5931387") or ("6908298") or ("5631533") or ("6190627") or ("6301882") or ("6681566") or ("6772587") or ("6681566") or ("6772587") or ("4282115") or ("6089017") or ("4612177") or ("6089017") or ("4612177") or ("4814153") or ("5543125")).PN:	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/18 14:13

\$15   105   (("5555181") or ("6027697") or ("411959") or ("4301652") or ("4597954") or ("4577558") or ("4597954") or ("65762758") or ("5593668") or ("551257") or ("551257") or ("551257") or ("551257") or ("551257") or ("551257") or ("6526931") or ("6227693") or ("6227693") or ("6227693") or ("6227693") or ("6469537") or ("44035470") or ("44095397") or ("4609537") or ("4609537") or ("4609537") or ("4609537") or ("4617175") or ("4957696") or ("5022252") or ("576888") or ("4917900") or ("4956162") or ("4957896") or ("5022252") or ("556888") or ("5022252") or ("556888") or ("5022252") or ("55686396") or ("5292429") or ("5586239") or ("55292429") or ("5586396") or ("55292429") or ("5586396") or ("5539422") or ("5536639") or ("5539422") or ("5536639") or ("5539422") or ("5536639") or ("55292429") or ("5536639") or ("55292429") or ("552686196") or ("55292429") or ("552686196") or ("55292429") or ("552226800") or ("52217748") or ("522128800") or ("5217748") or ("52128800") or ("5217748") or ("52127898") or ("5217748") or ("52127800") or ("5217748") or ("521
("4141959") or ("4301652") or USPAT; USOCR; ("4966882") or ("5512276") or USOCR; ("5439868") or ("5512276") or USOCR; ("5794366") or ("55412276") or ("5794366") or ("5612276") or ("6141960") or ("6250074") or ("62500391") or ("6327849") or ("6520391") or ("6520391") or ("6327849") or ("6820417") or ("6327849") or ("6820417") or ("6327849") or ("6820417") or ("6834496") or ("6820417") or ("6913749") or ("6143262") or ("4912077") or ("6143262") or ("4912077") or ("6143262") or ("427411") or ("5237939") or ("5766785") or ("5766788") or ("4035470") or ("4119568") or ("4255401") or ("4119568") or ("4609537") or ("4609537") or ("4609537") or ("4609537") or ("4617175") or ("4831843") or ("4917790") or ("4935162") or ("4937790") or ("5030262") or ("503063") or ("5011592") or ("5032252") or ("5176888") or ("5135858") or ("5135858") or ("5135858") or ("5135858") or ("5135858") or ("5136888") or ("5136888") or ("5136888") or ("5136888") or ("5136888") or ("5136888") or ("532252") or ("55366368") or ("55363142") or ("55363688") or ("55363142") or ("55368388") or ("58379372") or ("55379378") or ("55379378") or ("55379378") or ("579332") or ("5033688") or ("5128899") or ("6033688") or ("6128899") or ("6033688") or ("6128899") or ("6217788") or (
("4597954") or ("4877558") or ("496882") or ("5543615") or ("5439868") or ("5543615") or ("5543668") or ("5944878") or ("5754366") or ("699695") or ("6141960") or ("6250074") or ("6269634") or ("6520074") or ("6269634") or ("6502391") or ("6551565") or ("6898930") or ("6501749") or ("6898930") or ("6901749") or ("6898930") or ("6901749") or ("6143262") or ("4247415") or ("4247414") or ("4273673") or ("570675") or ("570675") or ("570675") or ("4035470") or ("4119568") or ("44035470") or ("4119568") or ("4405470") or ("4119568") or ("4609537") or ("4609537") or ("4609537") or ("4617175") or ("4622210") or ("4956162") or ("4957896") or ("5000841")).PN.  516  98 ("5007238") or ("5011592") or ("5032652") or ("5032652") or ("5176888") or ("5011592") or ("5032652") or ("5176888") or ("5011592") or ("5032552") or ("5176888") or ("5011592") or ("5032552") or ("5176888") or ("5011592") or ("5023053") or ("50430553") or ("50430553") or ("50430553") or ("50474747") or ("552536623") or ("5536681") or ("5536681") or ("5536681") or ("5536681") or ("57947414") or ("5836864") or ("58368
("4966882") or ("5254515") or ("512276") or ("5349868") or ("5612276") or ("6141960") or ("6141960") or ("6250074") or ("62503391") or ("62503784") or ("62503784") or ("62503784") or ("62503791") or ("62503784") or ("62503791") or ("62503791") or ("62503791") or ("62503791") or ("627779") or ("627779") or ("627779") or ("627779") or ("627779") or ("4277415") or ("4277414") or ("4277415") or ("4277415") or ("5702675") or ("5702675") or ("5702675") or ("405470") or ("4119568") or ("4257401") or ("4486165") or ("4617175") or ("4831942") or ("4831942") or ("4831942") or ("495388") or ("4917790") or ("4956362") or ("4917790") or ("49568162") or ("4917790") or ("49568162") or ("4917790") or ("49568162") or ("5023063") or ("5023063") or ("5003055") or ("5023063") or ("5003055") or ("5033055") or ("5033063") or ("5033055") or ("5033063") or ("5033055") or ("5033055") or ("5033063") or ("5033055") or ("5033063") or ("503300") or ("6033000") or ("60330
("5439868") or ("5612276") or ("5743868") or ("574366") or ("5944878") or ("65948355") or ("6099695") or ("6141960") or ("6250074") or ("6502391") or ("6551565") or ("6820417") or ("6894496") or ("6898930") or ("6901749") or ("6898930") or ("4912077") or ("6143262") or ("4247415") or ("4247414") or ("4273673") or ("5237939") or ("5587136") or ("55237939") or ("5587136") or ("5702675") or ("4609537") or ("4119568") or ("4255401") or ("4486165") or ("4609537") or ("4617175") or ("4622210") or ("4789388") or ("4831942") or ("4831942") or ("4831942") or ("4956162") or ("4957896") or ("5030363") or ("5030355") or ("4957896") or ("5032355") or ("5176888") or ("51768888") or ("51768888") or ("51768888") or ("51768888") or ("51768888") or
("5574366") or ("5948878") or ("5948878") or ("6141960") or ("6250074") or ("6269634") or ("6520074") or ("6520074") or ("6520391") or ("6551565") or ("6820417") or ("6832496") or ("6820417") or ("6832496") or ("6898930") or ("6901749") or ("6898930") or ("4912077") or ("6143262") or ("4274741") or ("4273673") or ("5702675") or ("5702675") or ("5702675") or ("5702675") or ("5702675") or ("4035470") or ("41918968") or ("4253401") or ("4486165") or ("4617175") or ("4831942") or ("4617175") or ("4831942") or ("4831942") or ("4831942") or ("4831942") or ("4957896") or ("5000841")).PN.  S16  98 (("507238") or ("5011592") or ("5043055") or ("5032063") or ("5030355") or ("5030355
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("6269634") or ("6327849") or ("6820417") or ("6551565") or ("6820417") or ("6834496") or ("6898930") or ("691749") or ("613262") or ("412077") or ("613262") or ("4247414") or ("4273673") or ("5237939") or ("5237939") or ("5237939") or ("5766788") or ("4035470") or ("4119568") or ("4035470") or ("4119568") or ("409537") or ("4609537") or ("4609537") or ("4609537") or ("4609537") or ("482210") or ("483388") or ("4917790") or ("4917790") or ("4917790") or ("4957896") or ("5032063") or ("5032052") or ("5032052") or ("5032053") or ("5032053") or ("516888") or ("5183558") or ("516888") or ("5183558") or ("5246475") or ("52324975") or ("5236475") or ("52324975") or ("
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("5696049") or ("4912077") or ("6143262") or ("4247414") or ("4247414") or ("4247414") or ("4247414") or ("5587136") or ("5522429") or ("5702675") or ("5702675") or ("4035470") or ("4119568") or ("409539") or ("4486165") or ("4609539") or ("4609537") or ("4609539") or ("4622210") or ("4783388") or ("4831942") or ("4917790") or ("4956162") or ("4917790") or ("4956162") or ("4917790") or ("500841")).PN.  S16  98  (("5007238") or ("5011592") or (US-PGPUB; OR OFF 2006/06/18 14:13 ("5023063") or ("5043055") or USPAT; USOCR; ("5183558") or ("5176888") or ("5184575") or ("522429") or ("5380426") or ("522447474") or ("5380426") or ("5474747") or ("5380426") or ("5635142") or ("5536196") or ("5794114") or ("5886196") or ("5794114") or ("589260") or ("5794114") or ("589260") or ("5794114") or ("589260") or ("6176889") or ("612880") or ("6128899") or ("6212880") or ("6217748") or ("621280") or ("6217748") or ("6212800") or ("6217748") or ("6217748") or ("6212800") or ("6217748") or ("62127400") or ("6212800") or
("6143262") or ("4247415") or ("4274714") or ("4273673") or ("5237939") or ("5587136") or ("5702675") or ("5702675") or ("5766582") or ("5766788") or ("4035470") or ("419568") or ("425401") or ("4486165") or ("4609539") or ("4609539") or ("4609539") or ("4609537") or ("4617175") or ("4831942") or ("4833883") or ("4831942") or ("4957896") or ("50300841")).PN.  S16 98 (("5007238") or ("5011592") or US-PGPUB; OR OFF ("5023063") or ("5043055") or (USPAT; USOCR; ("5183558") or ("5176888") or ("5183558") or ("5248408") or ("5284575") or ("5292429") or ("5284575") or ("5535687") or ("5535687") or ("5535687") or ("5535687") or ("5535687") or ("585364") or ("58535142") or ("585364") or ("5879414") or ("5822105") or ("58794114") or ("5822105") or ("58794114") or ("68212880") or ("6217788") or ("6212880") or ("62177788") or ("62137330") or ("62136666") or ("6370871") or ("6378298") or
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("5237939") or ("5587136") or ("5702675") or ("5706582") or ("57066562") or ("4419568") or ("4255401") or ("4486165") or ("4480165") or ("44809539") or ("44809537") or ("4622210") or ("4833883") or ("4917790") or ("4933883") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("5011592") or (US-PGPUB; USPAT; USOCR; ("5032252") or ("5176888") or ("5183558") or ("5183558") or ("5183558") or ("5248408") or ("5183558") or ("5248408") or ("5538623") or ("55376474747") or ("5538623") or ("5535679") or ("5538623") or ("5537648") or ("5501787") or ("55356142") or ("5501787") or ("5535684") or ("5601787") or ("5537648") or ("5601787") or ("5794114") or ("5835684") or ("612889") or ("6128899") or ("612880") or ("6217748") or ("6237330") or ("6217748") or ("6237330") or ("6217748") or ("6237330") or ("6217748") or ("6237330") or ("6217748") or ("6370871") or ("6370878") or ("63708298") or
("5702675") or ("5766562") or ("5766788") or ("4035470") or ("4119568") or ("4609539") or ("4609537") or ("4609537") or ("4609537") or ("4609537") or ("4609537") or ("4617175") or ("4622210") or ("4789388") or ("4831942") or ("4831883") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98  (("5007238") or ("5011592") or US-PGPUB; OR OFF ("5023063") or ("5043055") or USPAT; USOCR; ("5183558") or ("5176888") or USOCR; ("5183558") or ("5248408") or EPO; JPO; DERWENT ("5380426") or ("54747747") or ("552317") or ("5535687") or ("5547648") or ("55356819") or ("5547648") or ("5583684") or ("5794114") or ("5853684") or ("5794114") or ("5853684") or ("6212880") or ("6212880") or ("6217748") or ("6212880") or ("6217748") or ("6237330") or ("6217880") or ("6217748") or ("6237330") or ("6217748") or ("6237330") or ("6217748") or ("6370871") or ("6378298") or
("5766788") or ("4035470") or ("4119568") or ("4255401") or ("4486165") or ("4609539") or ("4609537") or ("4617175") or ("462210") or ("4831988") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16 98 (("5007238") or ("501952") or US-PGPUB; OR OFF ("5023063") or ("5043055") or USPAT; ("5032252") or ("5176888") or USPCR; ("5183558") or ("5248408") or EPO; JPO; ("5284575") or ("5292429") or ("55386426") or ("5547648") or ("5525317") or ("5535687") or ("5547648") or ("5601787") or ("5635142") or ("568196") or ("5794114") or ("5892504") or ("5992504") or ("5992504") or ("6212880") or ("6217748") or ("62378301") or ("6263666") or ("62378298") or ("6378298") or
("4119568") or ("4255401") or ("4486165") or ("4609539") or ("4609537") or ("4617175") or ("4622210") or ("4789388") or ("4831942") or ("4833883") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("5011592") or US-PGPUB; USPAT; USOCR; ("5023063") or ("5043055") or USPAT; USOCR; ("5183558") or ("5248408") or ("5284575") or ("5292429") or ("5380426") or ("5525317") or ("5535687") or ("5535687") or ("5535632") or ("5536638") or ("5686196") or ("5794114") or ("568196") or ("5794114") or ("5892504") or ("6044689") or ("6033688") or ("612889") or ("6212880") or ("6217748") or ("6212880") or ("6212788") or ("6217748") or ("6237330") or ("6263666") or ("6217748") or ("6237330") or ("62636666") or ("6378298") or ("6378298") or ("6378298") or ("6378298") or
("4486165") or ("4609539") or ("4609537") or ("4617175") or ("4609537") or ("447175") or ("4831942") or ("4833888") or ("4831942") or ("4833888") or ("4957896") or ("5000841")).PN.  S16 98 (("5007238") or ("5011592") or ("503252") or ("503252") or ("5176888") or ("5032252") or ("5176888") or ("5183558") or ("5248408") or ("5284575") or ("5284698") or ("5284575") or ("5292429") or ("5380426") or ("5547648") or ("5533623") or ("5547648") or ("568196") or ("5794114") or ("586364") or ("5794114") or ("5883684") or ("5992504") or ("612889") or ("612889") or ("612889") or ("6128899") or ("612880") or ("6217748") or ("621378330") or ("6217748") or ("62137830") or ("6217748") or ("6378298") or
("4609537") or ("4617175") or ("4622210") or ("4789388") or ("4831942") or ("4936162") or ("4957896") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("50143055") or US-PGPUB; OR OFF 2006/06/18 14:13 ("5032063") or ("5043055") or USPAT; USOCR; ("5183558") or ("5248408") or ("5183558") or ("5248408") or ("5380426") or ("5248408") or ("5380426") or ("5535687") or ("553663") or ("553668") or ("553664") or ("5686196") or ("5794114") or ("5686196") or ("5794114") or ("5992504") or ("5993764") or ("612880") or ("612880") or ("612880") or ("6217748") or ("6212880") or ("6217748") or ("6212880") or ("6217748") or ("6237330") or ("6236666") or ("6237330") or ("62378298") or
("4622210") or ("4789388") or ("4831942") or ("4833883") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("5011592") or US-PGPUB; OR OFF 2006/06/18 14:13 ("5032252") or ("5176888") or USPAT; USOCR; ("5183558") or ("5248408") or ("5284575") or ("5292429") or ("5380426") or ("55474747") or ("5538623") or ("5535687") or ("5535687") or ("5538623") or ("5547648") or ("5601787") or ("56979432") or ("592105") or ("5992304") or ("6044689") or ("6083688") or ("6128899") or ("6212880") or ("6217748") or ("6217748") or ("6237330") or ("6263666") or ("6237330") or ("6263666") or ("6370871") or ("6378298") or ("6370871") or ("6378298") or ("6370871") or ("6378298") or ("6370871") or ("6378298") or ("6217748") or ("6370871") or ("6378298") or ("6217748") or ("62377330") or ("6263666") or ("6370871") or ("6378298") or ("6277748") or ("62
("4831942") or ("4833883") or ("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("5011592") or ("5023063") or ("5043055") or ("5032252") or ("5176888") or ("5183558") or ("5284875") or ("5284878") or ("5284875") or ("5284877477") or ("5528575") or ("5535687") or ("5601787") or ("55924104") or ("5892105") or ("58993764") or ("5992504") or ("6128899") or ("6217748") or ("6217748") or ("6237330") or ("6217748") or ("6237330") or ("6263666") or ("6237330") or ("6263666") or ("6370871") or ("6378298") or
("4917790") or ("4956162") or ("4957896") or ("5000841")).PN.  S16  98 (("5007238") or ("5011592") or USPAT; USPAT; USOCR; ("503252") or ("5176888") or EPO; JPO; ("5183558") or ("52848408") or ("5284575") or ("5292429") or ("5380426") or ("5538623") or ("5538623") or ("5538623") or ("55474747") or ("5538623") or ("5601787") or ("5547648") or ("5601787") or ("5794114") or ("5852684") or ("5992504") or ("5993764") or ("5992504") or ("612889") or ("612889") or ("612889") or ("6217748") or ("6217748") or ("6237330") or ("623768298") or ("6370871") or ("6378298") or
C"4957896") or ("5000841")).PN.
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(''6237330'') or (''6263666'') or (''6370871'') or (''6378298'') or
("6370871") or ("6378298") or
("6413483") or ("6461579") or
("6519933") or ("6537798") or
("6555079") or ("6559086") or
("6562753") or ("6569393") or
("GEO160XII)
("6591604") or ("6594985") or ("6594986") pr ("6594986") or ("6594986") or ("6630115")).PN.

S17	304	S14 or S15 or S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/18 14:14
S18	Q	S17 and (pgm\$1free or "platinum group metal free")	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2006/06/18 14:15
	***		DERWENT		1	
S19	218	S17 not platinum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/18 14:15
S20	11	S19 and (sox near5 (trap or entrapment or trapping or entrapping))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ÓR	ON	2006/06/18 14:18
S21	37	S17 and (catalyst with (copper or cu))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/18 14:31
S22	21	S21 and ((support or carrier) same (silic\$2 or zirconi\$2 or alumin\$2 or titani\$2 or "indium oxide" or In2o3 or "modified silica" or "modified alumina"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/18 14:20
S23	18	S19 and (catalyst with (copper or cu))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/18 14:31